



UNIVERSITY OF HAWAII AT HILO

THE DANIEL K. INOUE COLLEGE OF PHARMACY

PharmD Admissions Overview

Before You Apply

- Determine if pharmacy is the career for you
 - ▣ Pharmacology – interaction of drugs in living systems
 - ▣ Pharmacy – a career in providing info and monitoring disease states in patients



Before You Apply

- Determine which program fits your needs
 - ▣ Admission requirements
 - ▣ Location
 - ▣ Cost
 - ▣ Curriculum
 - ▣ Class Size

DKICP PharmD Curriculum

- Four year program
 - ▣ 3 years didactic and Introductory Pharmacy Practice Experiences (IPPE)
 - ▣ Final year is strictly Advanced Pharmacy Practice Experiences (APPE)

- Bachelor of Arts in Pharmacy Studies (BAPS)



NEW

- *Healthcare Leadership Certificate*
- *Health Science Research Certificate*

First Year (P1) - Curriculum

16 credits – 18 credits per semester

Course ID	Course	Credits	Course ID	Course	Credits
PHPS 501	Biochemistry - Biomolecules	2	PHPS 502	Biochemistry - Metabolism	2
PHPS 503	Pharmaceutical Calculations	2	PHPS 506	Pharmaceutics II	3
PHPS 504	Pharmaceutical Immunology	3	PHPS 509	Pathophysiology	4
PHPS 505	Pharmaceutics I	3	PHPS 541	Drug Action II	2
PHPS 540	Drug Action I	2			
PHPP 501	Introductory Pharmacy Practice Experiential (IPPE) I	1	PHPP 502	Introductory Pharmacy Practice Experiential (IPPE) II	1
PHPP 510	Pharmacy Self-Care I	2	PHPP 508	Introduction to Biostatistics	3
PHPP 528	Pharmacy Communications and Culture	3	PHPP 511	Pharmacy Self-Care II	2
Total Credit Hours		18	Total Credit Hours		17

Pharmacy Practice Experience (PPE) Rotations

- 1st year: Hospital or Transitional Care Rotations during fall or spring semester and Retail during the summer
- 2nd year: Ambulatory Care Clinic and Intro to Clinical Pharmacy during the summer
- 3rd year: Vet Med and Med Rec Project
- 4th year: 6 Rotations:
 - Hospital
 - Acute Medicine
 - Ambulatory Care
 - Community
 - 2 Additional Electives



Skills Training



□ Includes:

- ▣ Immunizations
- ▣ Blood Pressure
- ▣ Health Screens

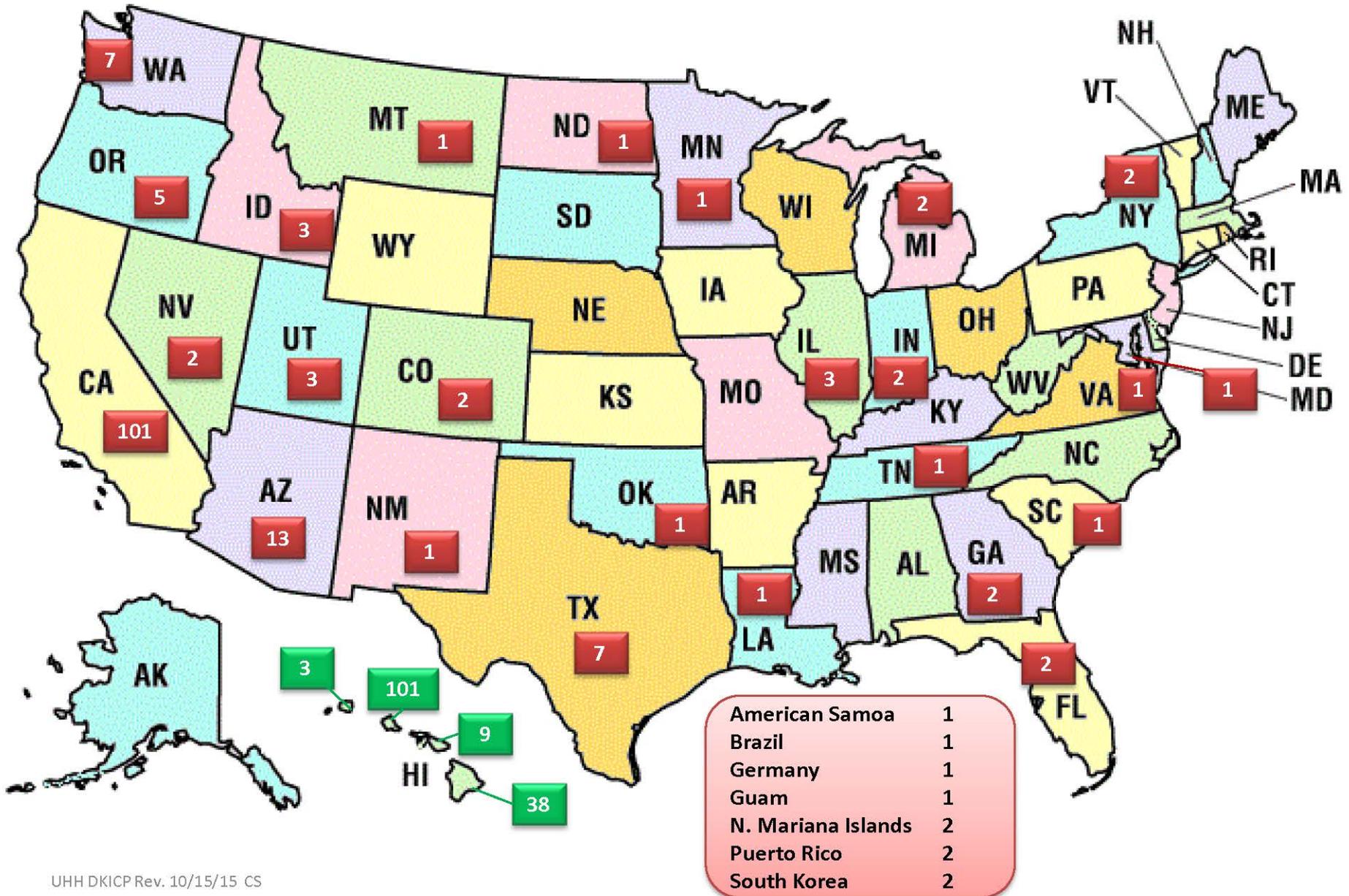




DKICP Student Demographics – Fall 2015

Pharm.D. Student Enrollment		327	Ethnicity		Pharm.D. Graduate	Percent of Student Body
Hawaii Residents	151	African American or Black	10		2.92%	
Non-Residents	176	American Indian or Alaskan Native	2		0.59%	
Age Range	19 – 46	Asian Indian	4	2	1.75%	
Average Age	27	Caucasian or White	58		16.96%	
Females	185	Chinese	36		10.53%	
Males	142	Filipino	35	1	10.53%	
Students with a Bachelor's Degree	248 (76%)	Guamanian or Chamorro	1		0.29%	
		Hispanic or Part Hispanic	3		0.88%	
		Japanese	17	2	5.56%	
		Korean	13		3.80%	
		Laotian	1		0.29%	
Graduate Programs Enrollment	15	Mixed Asian	41		11.99%	
M.S. in Clinical Psychopharmacology	4	Mixed Race (2 or more)	29	3	9.36%	
Ph.D. in Pharmaceutical Sciences	11	Native Hawaiian or Part Native Hawaiian	27	4	9.06%	
Hawaii Residents	9	Other Asian	5	1	1.75%	
Non-Residents	6	Samoan	1		0.29%	
Average Age	32	Thai		2	0.59%	
Females	11	Vietnamese	43		12.57%	
Males	4	No Data	1		0.29%	
		Total	327	15	100.00%	

Geographical Diversity of DKICP Pharm.D. Students



DKICP Student Organizations

- ❑ Student Body Council for Class of 2016, 2017, 2018, and 2019
- ❑ Academy of Managed Care Pharmacy (AMCP)
- ❑ Chapter of American Pharmacist Association – Academy of Student Pharmacists (APhA-ASP)
- ❑ Hawai`i Student Society of Health-Systems Pharmacy (HSSHP)
- ❑ Kappa Psi Pharmaceutical Fraternity
- ❑ Chapter of National Community Pharmacist Association (NCPA)
- ❑ Phi Delta Chi Professional Pharmacy Fraternity (PDC)
- ❑ Phi Lambda Sigma Pharmacy Leadership Society
- ❑ Rho Chi – The Academic Honor Society in Pharmacy
- ❑ American Association of Pharmaceutical Scientists (AAPS)

Active Student Body

- ❑ DKICP Tobacco Prevention Project
- ❑ Pacific Islander Mobile Screening Clinic (PIMSC)
- ❑ ALOHA Project
- ❑ Health Fairs
- ❑ Hilo Heart Walk
- ❑ Relay for Life
- ❑ Merrie Monarch Parade
- ❑ Socials
- ❑ Fundraisers



Estimated Student Budget 2016 – 2017

	Living Off Campus w/ Roommates/Resident	Living Off Campus w/ Roommates/Non -Resident
Tuition	\$23,376	\$40,320
Fees	450	450
Books & Supplies	952	952
Meals & Housing	16,874	16,874
Personal Expenses	3,642	3,642
Transportation	3,850	3,850
Loan Fees	984	984
Medical Insurance	4,620	4,620
Total	\$54,748	\$71,692

DKICP Scholarships

- DKICP Merit Based Award
 - ▣ Minimum GPA of 3.3
 - ▣ Minimum PCAT score of 50
 - ▣ Bachelor's Degree
 - ▣ Leadership
 - ▣ Application (Personal Essay)

- DKICP Scholarships
 - ▣ Apply through the UH System Online Scholarship Application

DKICP Scholarships

- ❑ Aloha Shoyu Pharmacy Scholarship
- ❑ Community Health Center Success Scholarship in Pharmacy
- ❑ CVS Caremark Scholarship
- ❑ Edwin and Georgiana Kam Excellence Scholarship in Pharmacy
- ❑ Elwin and Valerie Goo Excellence Scholarship in Pharmacy
- ❑ Grace Mizuko Miyawaki Pharmacy Scholarship
- ❑ Haga Family Scholarship
- ❑ Hawaii Independent Pharmacies, Inc. Excellence Scholarship
- ❑ Otsuka Memorial Scholarship
- ❑ Ron and Alice Taniguchi Scholarship in Pharmacy
- ❑ Safeway Pharmacy Scholarship
- ❑ UHH DKICP Alumni Association Scholarship
- ❑ UHH DKICP Class of 2013 Scholarship
- ❑ Walgreens Diversity Scholarship
- ❑ Wal-Mart Pharmacy Scholarship

Other Scholarships

- Hawaii Community Foundation
www.hawaiicommunityfoundation.org
- Native Hawaiian Health Scholarship www.nhhsp.org
 - ▣ Full tuition and stipend
 - ▣ Service obligation
- Kamehameha Schools
 - ▣ Na Ho'okama a Pauahi (needs based)
 - ▣ 'Imi na'auao (merit based)
- Scholars with Disabilities Tuition Waiver

Expectations for Pharmacy Graduates

- According to U. S. Department of Labor in May 2014, the median annual wage for pharmacists is \$120,950 and salary ranges from \$89,320-\$150,550¹
- Depends on experience, industry (retail, hospital, research, academic, etc) & location
 - ▣ 78.6% of the Class of 2014 were employed in the profession of pharmacy during the first year after graduation

1. Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2016-17 Edition*, Pharmacists, on the Internet at <http://www.bls.gov/ooh/healthcare/pharmacists.htm> (visited March 11, 2016).

DKICP Admission Requirements

□ Four Main Components

1. Prerequisite Courses
2. PCAT
3. PharmCAS Application
4. Supplemental Application

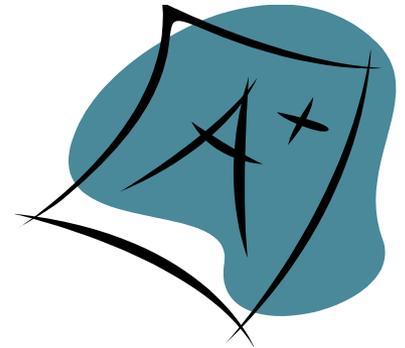


□ Rolling Admissions

- ▣ Review applications on an on-going basis until all seats in the class are filled

DKICP Admission Statistics

- Highly Competitive
 - ▣ Receive about 500 applications
 - ▣ Interview ~200 applicants
 - ▣ Accept 80-90 students
 - Approximately 50% residents, 50% non-residents
 - ▣ Averages of Accepted Students
 - Cumulative GPA = 3.10
 - Science GPA = 2.97
 - Composite PCAT = 60 Percentile Range
 - Bachelor's Degree Preferred = 76%



Prerequisite Coursework

- English (including 3 credits composition)
- Humanities
- Social/Behavioral Sciences
- A course that includes a World/Cultural Diversity component
- Economics
- Calculus 1 or Advanced Calculus
- Communications (with a public speaking component)
- General Biology I & II for Science Majors with Labs
- Microbiology with Labs
- General Chemistry I & II for Science Majors with Labs
- Organic Chemistry I & II for Science Majors with Labs
- Human Anatomy & Physiology I & II with Labs

Prerequisite Coursework

- Credits from regionally-accredited colleges or universities accepted
- AP credits accepted for lecture-based courses (cannot be used toward labs)
- Prerequisites must be completed with a grade of C or better (C- grades are not accepted)

Prerequisite Coursework

- Students may be in the process of completing prerequisite coursework at the time of application
- Admission is contingent upon successful completion of all prerequisite courses before start of program in August 2017
- Course review requests should include:
 - ▣ Course Number and Description
 - ▣ Name of Institution
 - ▣ Number of Credits

PCAT (Pharmacy College Admission Test)

- ❑ \$210 Fee for 3 schools (\$20 each additional school)
- ❑ Computer Based
- ❑ Dates
 - ❑ July 2016: 21-22
 - ❑ Sept 2016: 7-9
 - ❑ Oct 2016: 24-31
 - ❑ Nov 2016: 1-4
 - ❑ Jan 2017: 4-5

Dates differ by location

- ❑ Scores must be sent to PharmCAS (code 104)
- ❑ Must be taken within the past 5 years

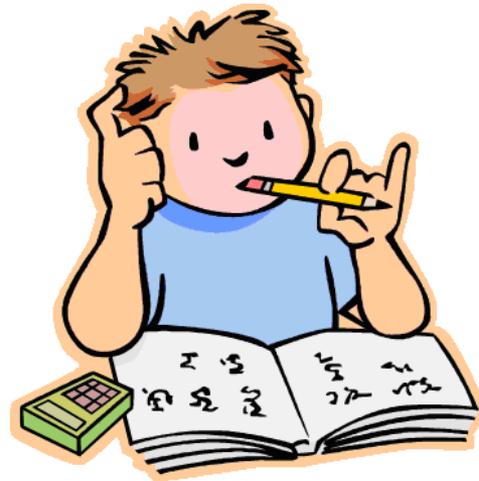


PCAT

- 192 multiple-choice items and 1 writing section
- 3 hours and 25 minutes to complete the PCAT
- 5 subtests: Writing, Biological Processes, Chemical Processes, Critical Reading and Quantitative Reasoning
- Scaled Scores (SS) are based on the number of items you answered correctly
- Percentile Ranks (PR) compare your performance to the current norm group

PCAT – Study Materials

- Sit for the PCAT max of five times
- Pearson PCAT Practice Tests
 - ▣ Multiple Choice: \$50-\$90
 - ▣ Writing: \$30-\$90
 - ▣ Study Guide \$25
- PCAT Prep Books
 - ▣ Kaplan
 - ▣ Orgoman
 - ▣ Barrons
 - ▣ Dr. Collins



- Fall 2017 Admissions Cycle
 - Opens June/July 2016
 - DKICP Application Deadline in early February 2017

- \$150 Fee, \$55 each additional program

PharmCAS - Fee Waivers

- ❑ Based on Financial Need (most recent federal income tax return)
- ❑ Limited Number of Waivers
- ❑ First-come, first-serve basis
- ❑ May be used toward one school; \$55 for each additional
- ❑ PharmCAS Fee Waiver Deadline: early September
- ❑ Waiver must be processed before you e-submit your PharmCAS application

PharmCAS - Early Decision

- A **BINDING** option
- You can apply to only one pharmacy program
- **If you are offered admission as an Early Decision applicant, you are obligated to accept the offer and you will not be permitted to apply to other PharmCAS institutions.**
- If you are denied admission or deferred to the regular pool, you may apply to other PharmCAS institutions for an additional fee
- Interviews are conducted in early/mid-October
- Early decision applicants will have a decision by mid-October
- **Deadline: Early September (everything in & complete)**

PharmCAS - Letters of Recommendation

- ❑ Arrange for two LoRs to be sent directly to PharmCAS; may submit up to four LoRs
- ❑ Must be from professional references
 - eg: professors, supervisors, pharmacists who you worked or volunteered with, club advisors
 - Someone who can attest to your skills/work ethic
 - DKICP does not accept letters from family or friends

PharmCAS - Questions for Evaluators

- Describe primary relationship with applicant
- What are the applicant's primary strengths and weaknesses?
- How might these affect the applicant's performance in a Pharm.D. degree program and future career in pharmacy?
- How well do you know this applicant?

PharmCAS - Questions for Evaluators

- Rate the following characteristics:
 - ▣ Oral & Written Communication
 - ▣ Intellectual Ability
 - ▣ Leadership
 - ▣ Ethics
 - ▣ Empathy
 - ▣ Judgment, Reliability
 - ▣ Interpersonal Relations
 - ▣ Adaptability
 - ▣ Professional Appearance

<http://www.pharmcas.org/preparing-to-apply/what-youll-need-to-apply/letters-of-reference/list-of-pharmcas-questions-for-evaluators/>

PharmCAS – GPA Calculations

- Transcripts must be sent directly to PharmCAS using the Transcript Request Form
- PharmCAS will verify all of your coursework once ALL of your official U.S. transcripts are received and may take up to 6 weeks
- The following calculations will be generated and are based on a semester-based 4.0 scale:
 - ▣ **Undergraduate GPAs:** Science, Non-Science, Math, Undergraduate Cumulative
 - ▣ **Graduate / Professional GPAs:** Science, Non-Science, Math, Graduate/Professional Cumulative
 - ▣ **Overall Cumulative GPA:** Undergraduate, Post BS Undergraduate, Graduate, and Professional Study
 - ▣ **GPAs by Academic Status:** Freshman, Sophomore, Junior, Senior, Post Bach, Graduate, and Professional
 - ▣ **College/University GPA:** Separate GPA for college/university attended.

PharmCAS includes initial and repeated coursework in its calculations.

PharmCAS - Academic Updates

- There is only ONE opportunity to update your Summer and/or Fall 2016 coursework in PharmCAS: mid-December 2016 to mid-February 2017
- Make edits to your planned/in-progress courses in Spring and/or Summer 2017
- Submit revised transcripts to PharmCAS

PharmCAS - Personal Essay

- Your essay should demonstrate **why you selected pharmacy** as a career and address your **immediate and long-term professional goals**.
- Reflect on past personal, educational, extracurricular, and/or work experiences
- Ask for feedback from a Writing Center, Friends, Family, an Academic Advisor, etc.

DKICP Supplemental Application

- Requested after PharmCAS application is received

- Four Components:

- ▣ Supplemental Application
- ▣ Technical Standards Form
- ▣ Residency Declaration Form
- ▣ \$50 application fee



- Online submission

- Due Date – Three weeks after email request

What to expect?

- Once a complete application is received, it may take approximately 6 weeks to review

- Status
 - ▣ Hold for further review
 - ▣ Invite for interview
 - Accept
 - Alternate
 - ▣ Denied

Interview Tips

- ❑ Interviews are closed-file
- ❑ Interviewer is basically interested in why you want to attend this particular school and why you want to become a pharmacist
- ❑ Research the school and current issues in pharmacy and health care
- ❑ Ensure you answer the questions and support your answers/reasons with past experience
- ❑ Ask quality questions (e.g. curriculum, faculty, student support, etc.)

Interview Tips – Starting Now

Practice professionalism

- Treat others with respect
- Address professors appropriately
- Respond to emails in a timely manner
- Be responsible and accountable for your actions
- Give people your undivided attention
- Be mindful of body language
- Dress professionally

Interview Tips – Starting Now

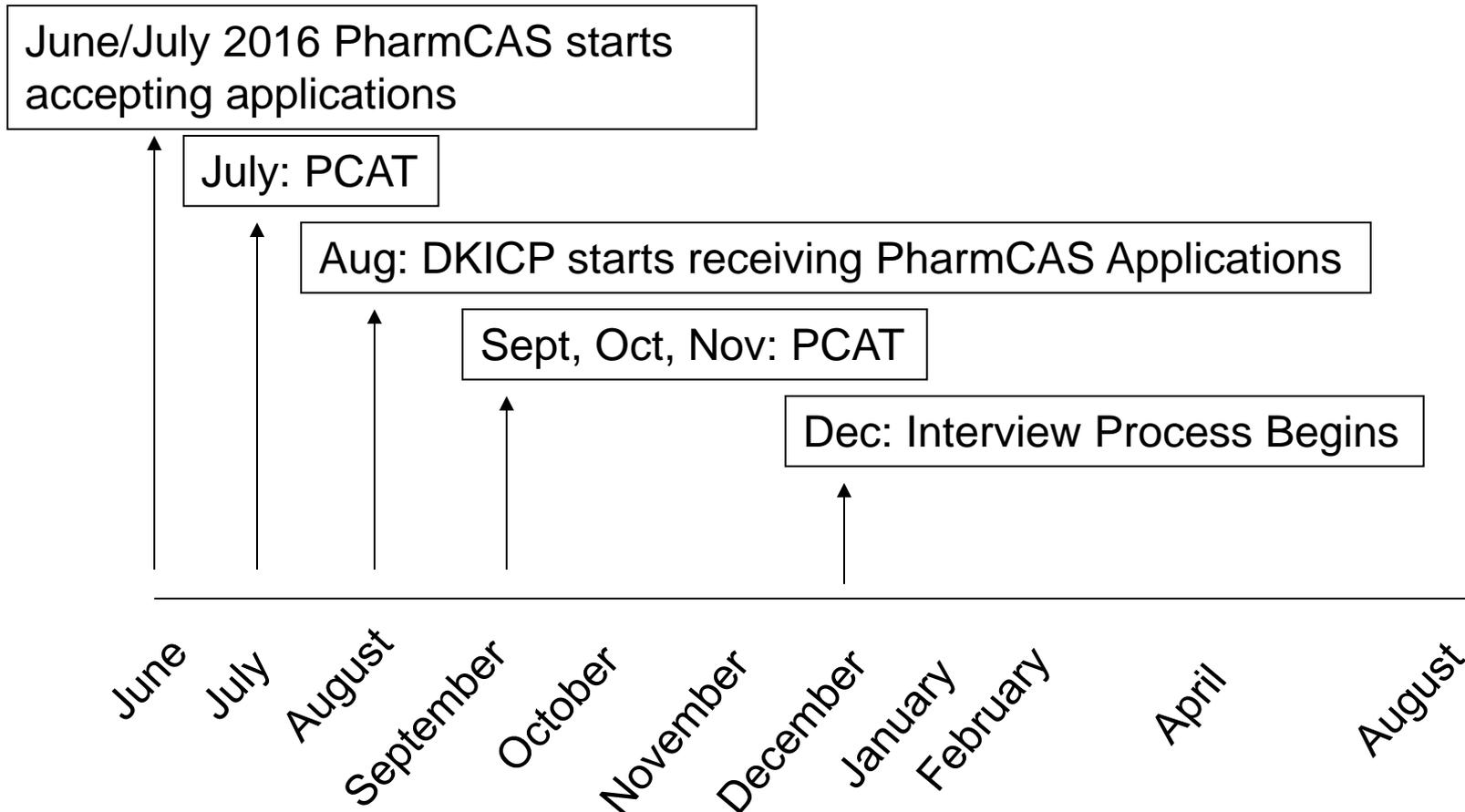
Self Reflect

- What did you learn about your strengths and weaknesses?
- What did you learn about your ability to work with people and your communication skills?
- What lessons have you learned about managing your time and coping with stress?
- Are you able to adapt to new situations?

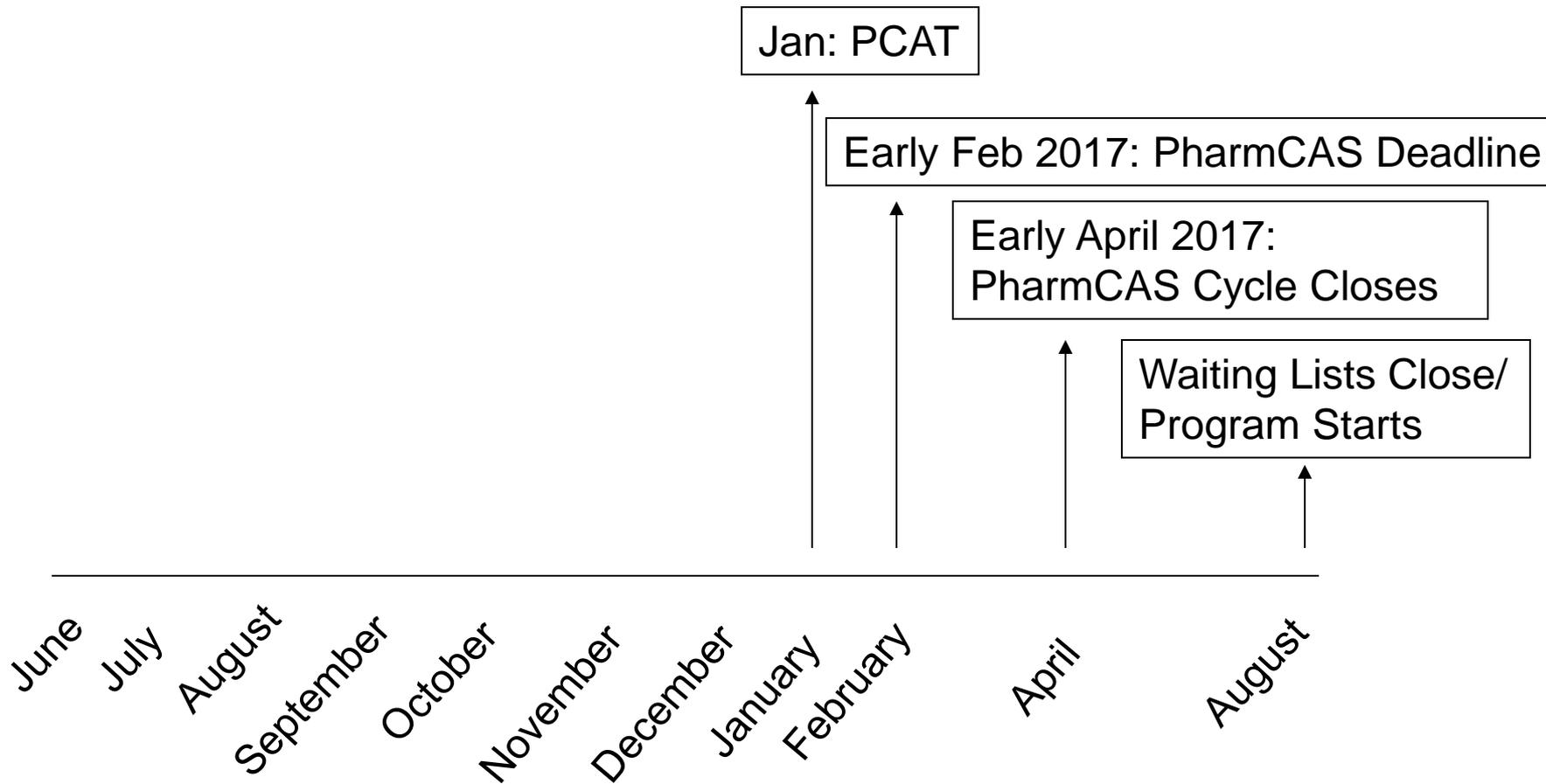
What to Expect After Acceptance

- \$500 non-refundable seat deposit
- Health Clearances
 - Two-Step TB Skin Test
 - Tetanus Vaccination
 - Varicella (Chicken Pox) Immunizations
 - MMR Immunizations/Titers
 - Hepatitis B Immunizations and Titer
- CPR Certification for Healthcare Providers
- Proof of Health Insurance
- Background Checks/Drug Screenings Possible
- Mandatory Attendance at Orientation

Timeline for Regular Admission



Timeline for Regular Admission



Things to Keep in Mind...

- Highly competitive!
 - ▣ Strive for a high GPA, study for the PCAT, and gain pharmacy experience
- Apply early (by September!)
 - ▣ Interview process typically begins in December
- Admission requirements are subject to change each year.
 - ▣ Check our website prior to applying.
- Applicants are responsible for ensuring a complete application is submitted.

Questions?

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